

Recombinant Full Length Mouse Calcium-Binding Mitochondrial Carrier Protein Aralar2(Slc25A13) Protein, His-Tagged

Cat. No. RFL23648MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Calcium-binding mitochondrial carrier protein Aralar2(Slc25a13) Protein (Q9QXX4) (1-676aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-676)
Form	Lyophilized powder
AA Sequence	MAAAKVALTKRADPAELKAIFLKYASIEKNGEFFMSPHDFVTRYLNIFGESQPNPKTV EL LSGVVDQTKDGLISFQEFVAFESVLCAPDALFMVAFQLFDKAGKGEVTFEDVKQI FGQTT IHQHIPFNWDSEFVQLHFGKERKRHLTYAEFTQFLLEIQLEHAKQAFVQRDN AKTGKVSA IDFRDIMVTIRPHVLT PFVEECLVAAAGGTRSHQVSFSYFNGFNSSLNN MELIRKIYSTL AGNRKDVEVTKEEFALAAQKFGQVTPMEVDILFQLADLYEPRGRMT LADIERIAPLEEGM LPFNLAEAQRQQKASGDAARPFLQLAESAYRFGLGSIAGAVG ATAVYPIDLVKTRMQNQ RSTGSFVGELMYKNSFDCFKKVLRYEGFFGLYRGLLPQL LGVAPEKAIKLTVNDFVRDKF MHKDGSVPLLAEIFAGGCAGGSQVIFTNPLEIVKIRL QVAGEITTGPRVSALSVRDLGF FGIYKGAKACFLRDIPFSAIYFPCYAHVKASFANE DGQVSPGSLLLAGAIAGMPAASLVT PADVIKTRLQVAARAGQTTYNGVTDCFRKILR

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	EEGPKALWKGVAARVFRSSPQFGVTLLT YELLQRWFYVDFGGVKPVGSEPVPKSR ITLPAPNPDHVG GYKLAVATFAGIENKFG LYLP LFKPSASTSKVTAGDS
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Slc25a13
Synonyms	Slc25a13; Aralar2; Calcium-binding mitochondrial carrier protein Aralar2; Citrin; Mitochondrial aspartate glutamate carrier 2; Solute carrier family 25 member 13
UniProt ID	Q9QXX4